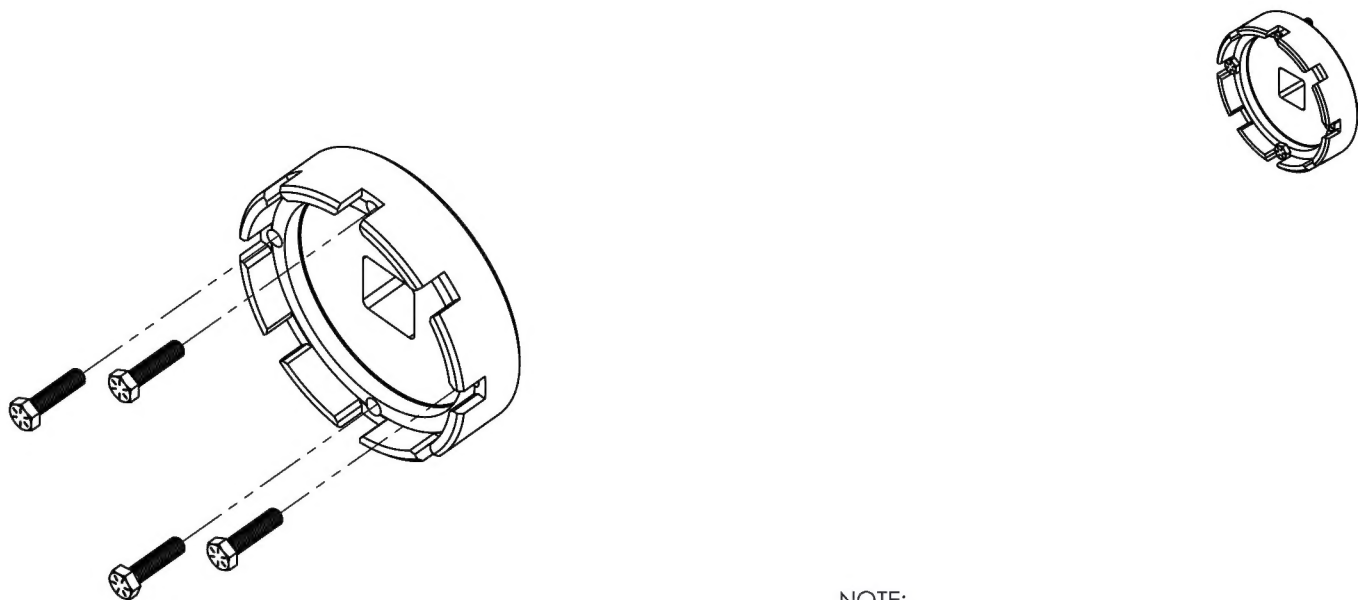


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		INSIDE DIA. INCREASED FROM $\varnothing 2.575$ TO $\varnothing 2.625$ DEPTH INCREASED FROM .540 TO .590. CORNER RADIUS LIMIT OF .015, THICKNESS AT MAX O.D. INCREASED FROM .712 TO .912. BOLD CHANGED FROM AN3-5A TO AN3-6A	3/16/05	-	-
2		CHANGED -3 BOLT FROM AN3-6A TO AN3-4A, AND DELETED -5 WASHERS AN960-10L.	9/27/06	-	-
3		CHANGED -3 BOLT FROM AN3-4A TO AN3-6A. ALSO ADDED NEW DWG FORMAT.	7/3/08	WP	DW
4	16-0080	UPDATED TO NEW STANDARD. -1 CH'D MAT'L WAS 41L40 IS 4140/4142. ADDED 3/4 DRIVE DIMS. CH'D DIM WAS R.125 IS R.13, CH'D DIM WAS .10 X 45°, CH'D DIM WAS .045 CHAMFER EACH INSIDE CORNER IS 16X .045 X 45°. REMOVED NOTE DRILL 13/16 PILOT FOR 3/4 BROACH. ADDED SPEC QMSI-6.2.2 REV D.	7/21/2016	DEW	SM



NOTE:

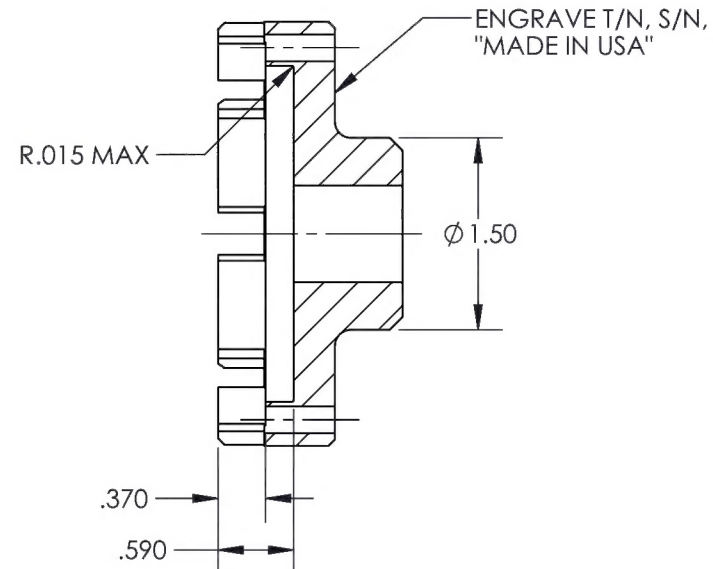
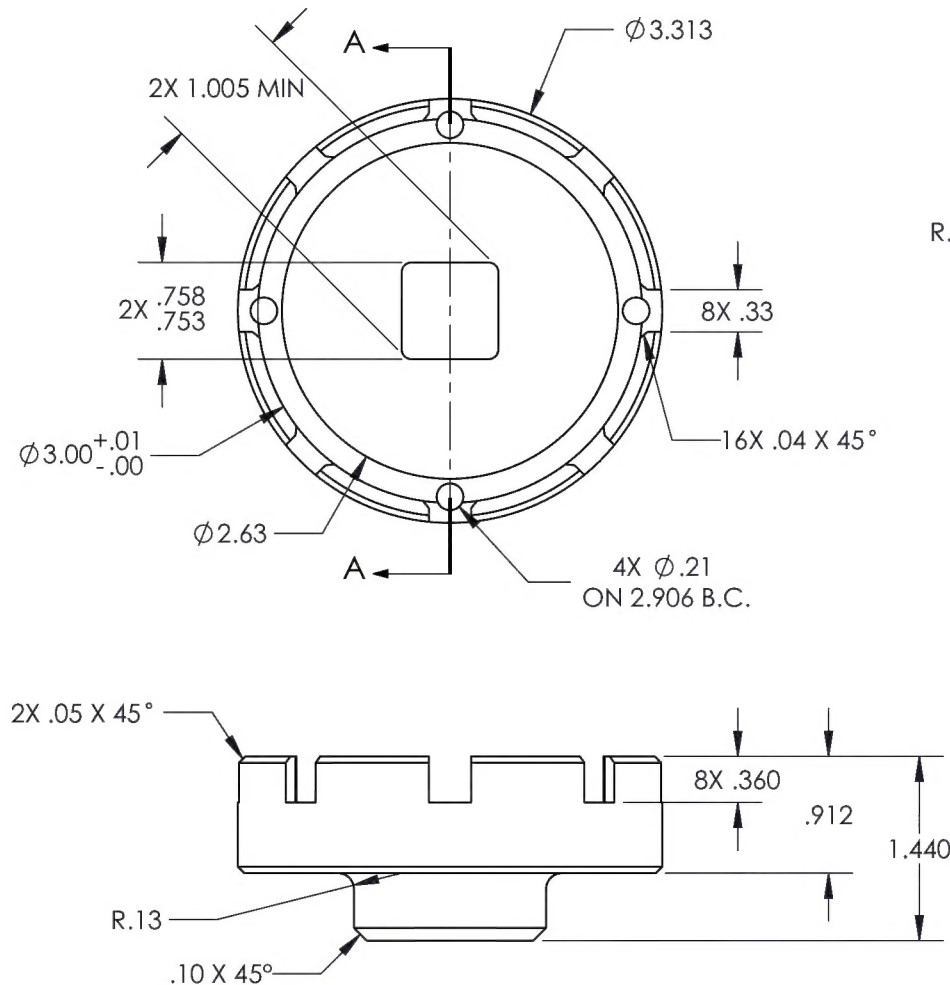
BOLTS DO NOT PROTRUDE THRU NUT WHEN INSTALLED.

DART AEROSPACE	
TITLE ROTOR MAST NUT WRENCH	
DWG NO. RBA9829-A	REV 4
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS $\pm 1/8$ ANGLES $\pm 5^\circ$ SURFACES = 125 \sqrt
TREAT None	.XXX $\pm .005$
FINISH None	.XX $\pm .01$
SPEC None	.X $\pm .1$
DRAWN BY: COLE	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL MD 500
APPROVED: MACKOVJAK	
SCALE 1:2	DATE 10/10/2000
SHEET 1 OF 2	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	WRENCH	4140/4142		2
		B/O	-3	4	BOLT	STEEL	AN3-6A	1

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		INSIDE DIA. INCREASED FROM $\phi 2.575$ TO $\phi 2.625$ DEPTH INCREASED FROM .540 TO .590. CORNER RADIUS LIMIT OF .015, THICKNESS AT MAX O.D. INCREASED FROM .712 TO .912. BOLD CHANGED FROM AN3-5A TO AN3-6A	3/16/05	-	-
2		CHANGED -3 BOLT FROM AN3-6A TO AN3-4A, AND DELETED -5 WASHERS AN960-10L..	9/27/06	-	-
3		CHANGED -3 BOLT FROM AN3-4A TO AN3-6A. ALSO ADDED NEW DWG FORMAT.	7/3/08	WP	DW
4	16-0080	ADDED 3/4 IN. DRIVE DIMS. CH'D DIM WAS R.125 IS R.13, CH'D DIM WAS .10 X 45°, CH'D DIM WAS .045 CHAMFER EACH INSIDE CORNER IS 16X .045 X 45°, REMOVED NOTE DRILL 13/16 PILOT FOR 3/4 IN. BROACH. ADDED SPEC QMSI-6.2.2 REV D. CH'D MAT'L WAS 41L40 IS 4140/4142.	7/18/2016	DEW	SM



SECTION A-A

(-1)
WRENCH

DART AEROSPACE	
TITLE ROTOR MAST NUT WRENCH	
DWG NO. RBA9829-A-1	REV 4
MAT'L 4140/4142 HEAT TREAT RC 35-40 FINISH BLACK OXIDE SPEC QMSI-6.2.2 REV D	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX \pm .005 FRACTIONS \pm 1/8 .XX \pm .01 ANGLES \pm 5° .X \pm .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: COLE	USED ON MODEL
CHECKED: CLOUGH	MD 500
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: MACKOVJAK	
SCALE 2:3	DATE 10/10/2000
SHEET 2 OF 2	